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**FAX COVERSHEET**

July 1, 2004

Number of Pages (including coversheet): 9

For the Attention of: European Patent Office  
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*Re:* International Application No.: PCT/US2004/009618  
International Filing Date: 29 March 2004 (29.03.2004)  
Earliest Priority Date: 28 March 2003 (28.03.2003)  
Applicant(s): C.R. BARD, INC. ET AL.  
Title: METHOD AND APPARATUS FOR ADJUSTING  
ELECTRODE DIMENSIONS  
Our Reference No.: B1075.71014

**CERTIFICATION OF FACSIMILE TRANSMISSION**

The undersigned hereby certifies that a Request Under PCT Rule 91.1(b) for Rectification of  
Obvious Errors with substitute sheet(s) are being facsimile transmitted to European  
Patent Office, Erhardtstrasse 27, D-80298 Munich, GERMANY, on 1 July 2004.

Colleen F. Sullivan

Name



Signature

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**IN THE EUROPEAN PATENT OFFICE**  
**AS INTERNATIONAL SEARCHING AUTHORITY**

International Application No. : PCT/US2004/009618  
International Filing Date : 29 March 2004 (29.03.2004)  
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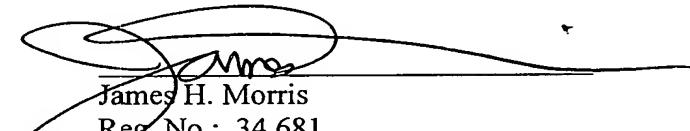
European Patent Office  
Erhardtstrasse 27  
Munich D-80298  
GERMANY

**REQUEST UNDER PCT RULE 91.1(b)**  
**FOR RECTIFICATION OF OBVIOUS ERRORS**

Transmitted herewith for filing is a Request Under PCT Rule 91.1(b) for Rectification of Obvious Errors with substitute sheets.

If the enclosed papers are considered incomplete, the Authorized Officer is respectfully requested to contact the undersigned collect at (617) 720-3500, Boston, Massachusetts.

Respectfully submitted,



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**IN THE EUROPEAN PATENT OFFICE**  
**AS INTERNATIONAL SEARCHING AUTHORITY**

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European Patent Office  
Erhardtstrasse 27  
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GERMANY

**REQUEST UNDER PCT RULE 91.1(b)  
FOR RECTIFICATION OF OBVIOUS ERRORS**

Applicant would like to bring to the Authorized Officer's attention that changes have been made to the above-identified international application.

**In the Specification**

Page 12, line 5, replace "302" with --304-- to correct an obvious error in reference numerals;

**In the Drawings**

Figure 5, add reference numerals 206, 208 and 210 to correct an obvious error in reference numerals;

Figure 8, add reference numerals 208 and 209 to correct an obvious error in reference numerals;

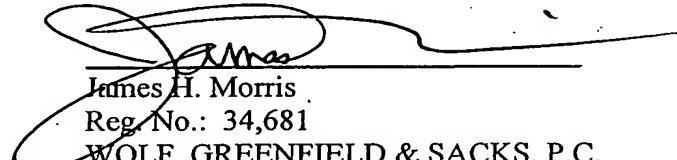
Figure 13, add reference numerals 420 and 402 to correct an obvious error in reference numerals

Replacement sheet page 12 of the specification is enclosed. Replacement sheets of figures 5, 8 and 13 are also enclosed. Applicant respectfully requests that the replacement sheets and figures be accepted and replace originally filed page 12 and figures 5, 8 and 13. No new matter has been added.

**REMARKS**

The Authorized Officer is invited to contact the undersigned by collect telephone call should he/she have any questions concerning this Request.

Respectfully submitted,



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this embodiment, but any suitable number of fins may be used such as one fin, three fins, four fins, etc. With retractable fins, shaft 12 may be maneuvered through the patient with a limited cross-sectional diameter. Once satisfactorily positioned, fins 302 may be extended. As shown in Fig. 10, fins 302 may be attached to an inner shaft 5 portion 306 that is rotatable relative to an outer shaft portion 304. In this embodiment, outer shaft portion 302 is shaft 12. In other embodiments, inner shaft portion 306 may be shaft 12 and outer shaft portion 204 may comprise a collar that is mounted around shaft 12.

In the illustrated embodiment of Figs. 9-11, rotation of inner shaft portion 304 10 clockwise relative to outer shaft portion 306 pulls fins 302 inwardly through slots 310 in outer shaft portion 304.

Fins 302 may be constructed with an electrically-conductive material that is 15 flexible enough to be extended and retracted through slots 310. In further embodiments, fins 302 may be constructed of a non-electrically conducting material, such as a plastic or a rubber, that is coated with an electrically-conductive coating.

As shown in Fig. 11, clockwise rotation of inner shaft portion 306 relative to outer shaft portion 304 pushes fins 302 through slots 310 to extend them beyond an outer surface 318 of outer shaft portion 304. Fins 302 may be of any suitable shape, and they may extend further in the circumferential direction than an axial direction.

20 Referring now to Fig. 12, electrode assembly 400 includes a cam arrangement to extend fins 402. In this arrangement, an eccentric shaft 406 is rotated to push fins 402 beyond an outer surface 418 of shaft 12. A biasing element, such as a spring 420, presses against an inner surface 422 of shaft 12 and a stop 424 that is attached to fin 402. In this manner, when eccentric shaft 406 is oriented as shown in Fig. 12, fins 25 402 are urged inward of outer surface 418. When eccentric shaft 406 is oriented as shown in Fig. 13, fins 402 are urged outward of outer surface 418. In some embodiments, rotation of eccentric shaft 406 may be achieved with an actuator on control handle 14.

Having thus described several aspects of at least one embodiment of this 30 invention, it is to be appreciated various alterations, modifications, and improvements will readily occur to those skilled in the art. Such alterations, modifications, and

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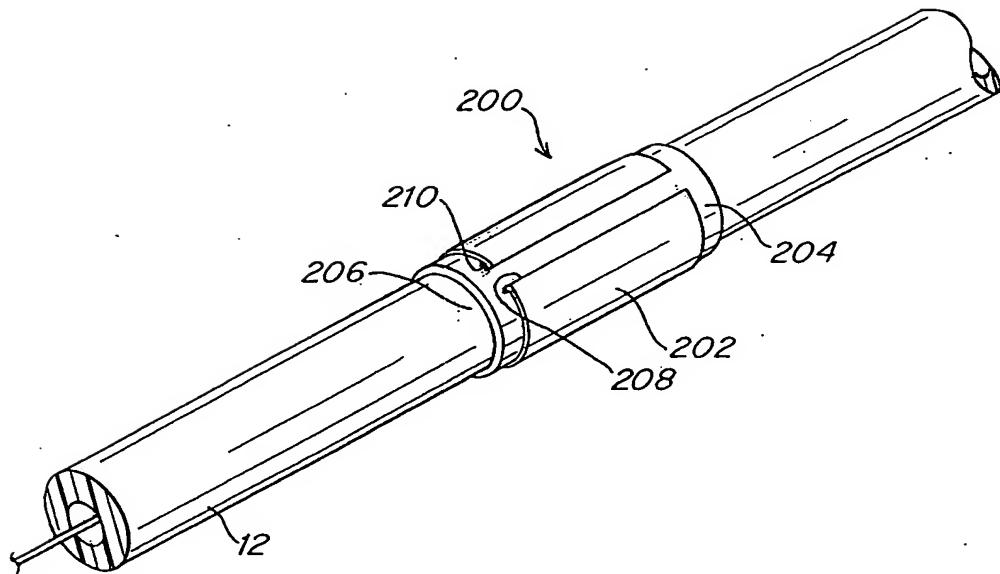


Fig. 4

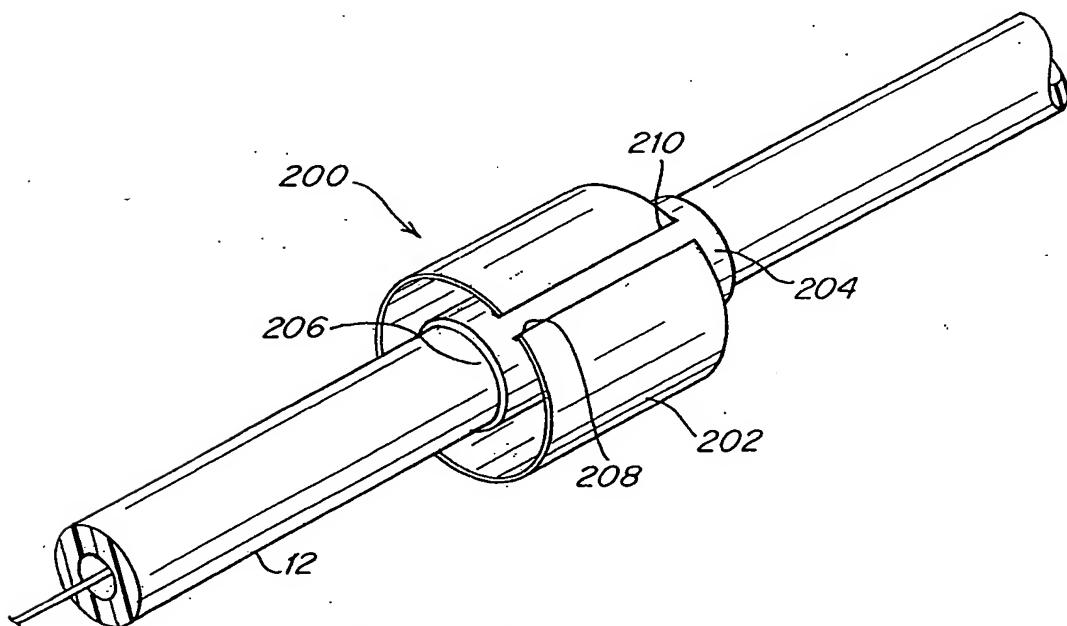
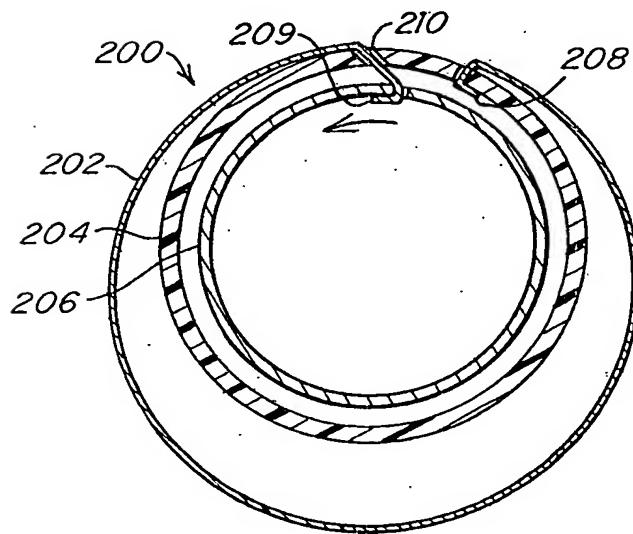
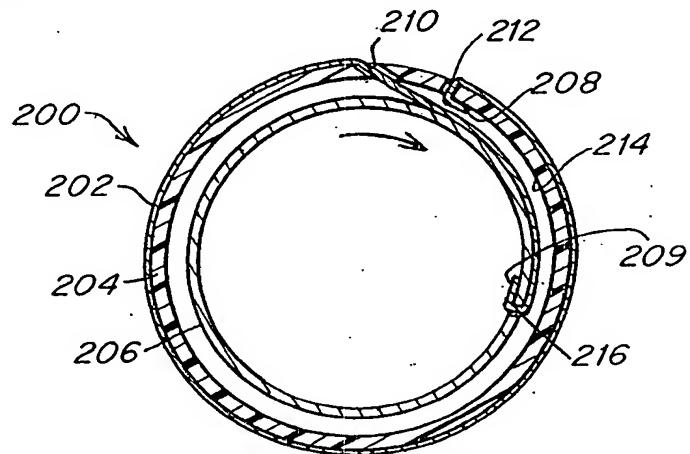
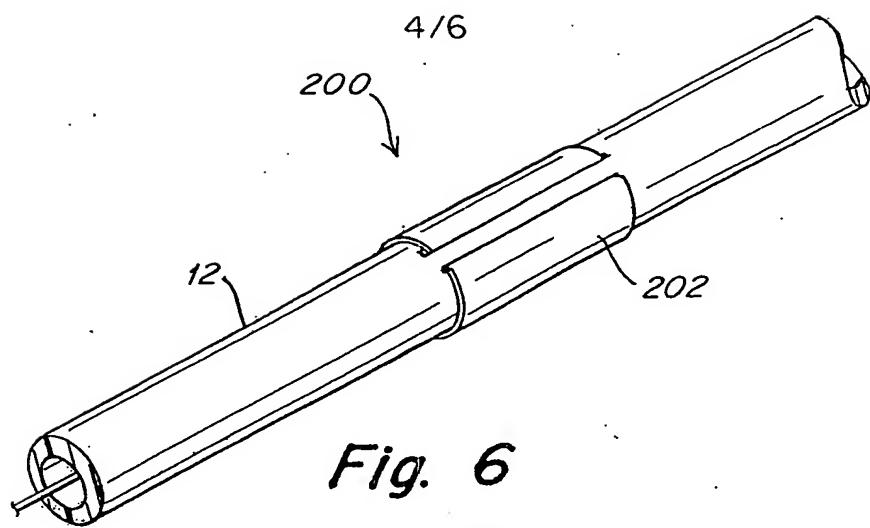


Fig. 5



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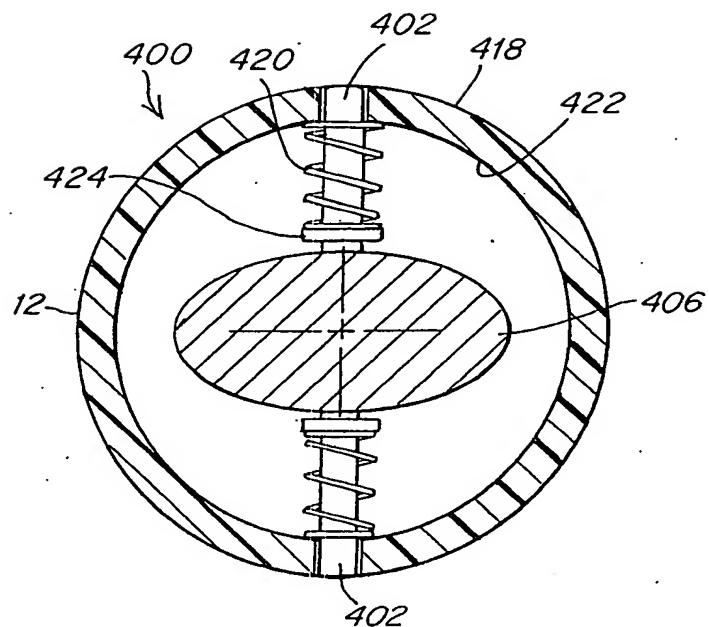


Fig. 12

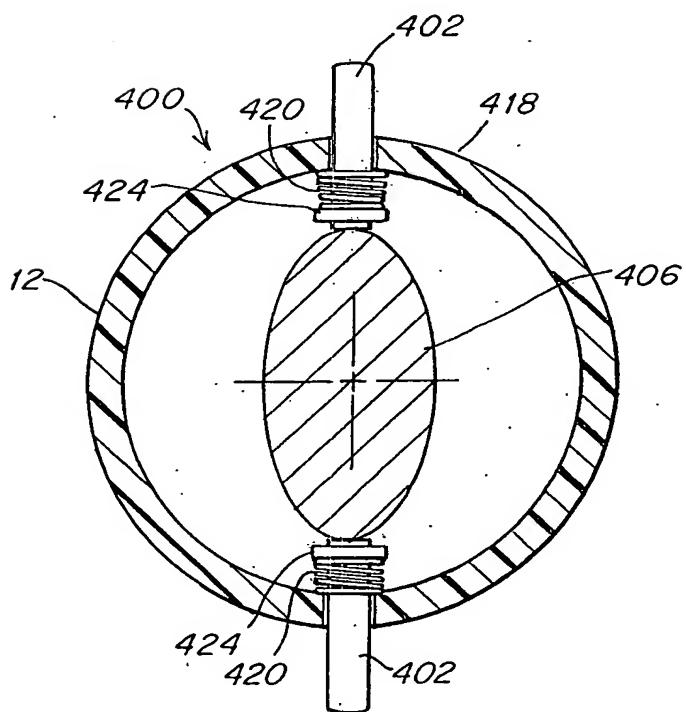


Fig. 13



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July 2004

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**Eingereichte Unterlagen**

**Items filed**

**Pièces envoyées**

Anmeldungs- (und Direktions-*) Nr./Patent Nr. Application (and Directorate*) No./Patent No. N de la demande (et de la direction*)/n du brevet	Ihr Zeichen Your reference Votre référence	ggfs. Art und Datum der Unterlagen** Nature and date of items (optional)** Nature et date des pièces (facultatif)**
1 PCT/US2004/009618	B1075.71014	<b>*Fax Coversheet</b> <b>*Transmittal Sheet</b> <b>*Rectification of Obv.</b> <b>Errors</b> <b>*Substitute Sheets</b>
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